

Abstract

Compound electrodes are used instead of an anode and solution electrode and
5 cathode and solution electrode in an electrochemical system that does not rely on a
diaphragm or membrane directly between the anode electrode and the cathode
electrode. The compound electrode consists of a solution electrode inside the anode
or cathode electrode with a liquid or gel or electrolytic membrane located between
the solution electrode and the anode or cathode electrode. The compound electrode
10 may be used in a electrolytic cell, a fuel cell or a unipolar activation cell.